

# Exposure Characteristics of Hantavirus Pulmonary Syndrome Patients, United States, 1993–2015

## Technical Appendix

**Technical Appendix Table.** Online and telephone resources for hantavirus education

Website source, types of information provided	URL(s)
Arizona Department of Health Information about vector control workshops in the community Hantavirus fact sheets Links to CDC Web site about hantavirus	<a href="http://azdhs.gov/preparedness/epidemiology-disease-control/vector-borne-zoonotic-diseases/index.php">http://azdhs.gov/preparedness/epidemiology-disease-control/vector-borne-zoonotic-diseases/index.php</a>
California Department of Health Training videos about hantavirus, safe methods for cleaning up after rodents and rodent exclusion techniques Hantavirus self-test Work place posters Brochures	<a href="http://www.cdph.ca.gov/HealthInfo/discond/Pages/HantavirusToolkit.aspx">http://www.cdph.ca.gov/HealthInfo/discond/Pages/HantavirusToolkit.aspx</a>
Centers for Disease Control and Prevention General information about hantavirus and HPS Seal up, Trap Up, Clean up manual on preventing rodent infestation Hantavirus Clinician Outreach and Communication Activity (COCA)	<a href="http://www.cdc.gov/hantavirus/">http://www.cdc.gov/hantavirus/</a> , <a href="http://www.cdc.gov/hantavirus/hps/prevention.html">http://www.cdc.gov/hantavirus/hps/prevention.html</a> , <a href="https://emergency.cdc.gov/coca/calls/2016/callinfo_063016.asp">https://emergency.cdc.gov/coca/calls/2016/callinfo_063016.asp</a>
Colorado Department of Health Information about hantavirus prevention at home and in the workplace Information about cleaning up after rodents Access to case investigation resources for local public health agencies Colorado HPS Annual Reports	<a href="https://www.colorado.gov/pacific/cdphe/hantavirus">https://www.colorado.gov/pacific/cdphe/hantavirus</a>
National Park Service General information about hantavirus, HPS, and prevention methods for workers and park visitors General hantavirus information and rodent exclusion brochure targeted to museum workers	<a href="https://www.nps.gov/grte/planyourvisit/hps.htm">https://www.nps.gov/grte/planyourvisit/hps.htm</a> , <a href="https://www.nps.gov/museum/publications/conservoogram/02-08.pdf">https://www.nps.gov/museum/publications/conservoogram/02-08.pdf</a>
Navajo Department of Health Public Service Announcement for Hantavirus	<a href="http://www.nndoh.org">http://www.nndoh.org</a>
New Mexico Department of Health Information for the general public, home owners, public health officials, occupational workers at risk of exposure and physicians about HPS, hantavirus prevention, rodent proofing, case investigation, hantavirus surveillance, and caring for HPS cases	<a href="https://nmhealth.org/about/erd/ideb/zdp/hps/">https://nmhealth.org/about/erd/ideb/zdp/hps/</a>
Utah Department of Health Information for the general public and public health departments about hantavirus, case investigation, and preventing rodent infestations	<a href="http://health.utah.gov/epi/diseases/hantavirus/">http://health.utah.gov/epi/diseases/hantavirus/</a>

# Hantavirus Pulmonary Syndrome Case Report Form

Please return to: Centers for Disease Control and Prevention, Special Pathogens Branch  
 Ph: (404) 639-1510 Fax: (404) 639-1118 Email: dvd1spath@cdc.gov  
 Site: www.cdc.gov/ncidod/diseases/hanta/hps/noframes/phys/specimen/hlthdept.htm

## Patient Identification

__	__	__	__	__	__	__	__
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Information below is required for identification and meaningful interpretation of laboratory diagnostic results. HPS may not be confirmed without compatible clinical and/or exposure data.

PATIENT INFORMATION		PATIENT'S BACKGROUND and EXPOSURE INFORMATION	
Last name: _____		Occupation: _____	Race: <input type="checkbox"/> American Indian/Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African American <input type="checkbox"/> White <input type="checkbox"/> Native Hawaiian/other Pacific Islander
First name: _____	MI: _____	Ethnicity: <input type="text" value="Choose one"/>	
Age: _____	Sex: <input type="text" value="Choose one"/>	History of rodent exposure in 6 weeks prior to onset of illness? <input type="text" value="Choose one"/>	
Street address: _____		If yes, type of rodent? <input type="text" value="Choose one"/>	
City/town: _____		Place of contact (town, county, state): _____	
County: _____		Notes: _____	
State: _____ ZIP: _____			

TIMELINE		
Date of onset of symptoms: _____	Patient hospitalized? <input type="text" value="Choose one"/>	Date of hospitalization: _____

CLINICAL INFORMATION	CLINICAL INFORMATION	SPECIMEN INFORMATION
Fever > 101° F (38.3° C)? <input type="text" value="Choose one"/>	Supplemental oxygen required? <input type="text" value="Choose one"/>	Specimen acquisition date: _____
Thrombocytopenia? (platelets <150,000/mm) <input type="text" value="Choose one"/>	Was patient intubated? <input type="text" value="Choose one"/>	Type of specimen: _____
Lowest platelet count measured: _____	CXR with unexplained bilateral interstitial infiltrates or suggestive of ARDS? <input type="text" value="Choose one"/>	Has specimen been tested for hantavirus at a laboratory? <input type="text" value="Choose one"/>
Elevated hematocrit (Hct)? <input type="text" value="Choose one"/>		If yes, where? _____
Highest hematocrit measured: _____		Results (i.e., titer, OD): _____
Elevated creatinine? <input type="text" value="Choose one"/>		_____
Highest creatinine measured: _____		_____
WBC total: _____		_____
Total neutrophils: _____ %		_____
Band neutrophils: _____ %		_____
Lymphocytes: _____ %		_____
	<b>OUTCOME</b>	
	Outcome of illness? <input type="text" value="Choose one"/>	
	Date of death: _____	
	Autopsy performed? <input type="text" value="Choose one"/>	
	Notes: _____	

FOR STATE HEALTH DEPARTMENTS		
State Health Department reporting case: _____	State/local ID number: _____	Date form completed: _____
Person completing Report: _____		Phone number: _____
Name of patient's physician: _____		Phone number: _____

**Instructions:** You must have internet access and an email address to submit this Form electronically. Upon hitting the 'Submit by Email' button, a PDF is created, attached to an email, which you should then send to the address which appears in the address header; you may also cc: others. Acknowledgement of receipt by CDC is not provided.

**Submit by Email**

Public reporting burden of this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-0009).

Technical Appendix Figure. Hantavirus pulmonary syndrome case report form.